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**(54) COPOLYMER CONTAINING PHARMACEUTICALLY OR VETERINARILY ACCEPTABLE AND AMPHIPATHIC NON-CROSS-LINKED LINEAR, BRANCHED OR GRAFT BLOCK COPOLYMER/DRUG SOLID POWDERY MATERIAL AND PRODUCTION OF THE SAME MATERIAL**

(57)Abstract:

PURPOSE: To provide a method for producing a copolymer self dispersible in water/pharmaceutical solid powdery material comprising up to 99 wt.% of a drug and the balance of a biodegradable amphipathic copolymer.

CONSTITUTION: This method for producing a pharmaceutically or veterinarily acceptable, amphipathic, non-cross-linked linear, branched or graft block copolymer/drug solid powdery material comprises freeze-drying a frozen, stable aqueous dispersion of the pharmaceutically or veterinarily acceptable copolymer, self-dispersible in water, having a minimum weight-average molecular weight of 1,000, containing the hydrophobic component which is biodegradable or hydrolytically unstable under normal physiologicat conditions and the hydrophilic component which may or may not be unstable under the same conditions and capable of forming a stable dispersion and the drug. The resultant material is useful for producing a sustained continuous release pharmaceutical preparation of the drug.

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## LEGAL STATUS

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